





- Preserve infrastructure
- Optimize mobility
- Zero fatalities (improve safety)
- Strengthen economy

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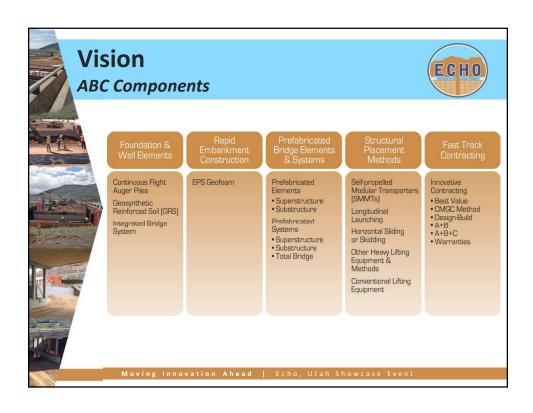
Vision Program Direction





- Relentlessly pursue reducing traffic congestion during construction
- Add value by furthering Department goals
- Improve worker safety and safety to the traveling public
- Improve quality

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Implementation



- Research
- Market internally and externally
- Perform scanning tours
- Get involved nationally
- Conduct pilot project
- Identify a program of projects

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Implementation



- Conduct workshops
- Standardize ABC applications
- Provide training
- Obtain feedback and share lessons learned



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Implementation Pilot Project



- Evaluate project risks
- Define scope, schedule and budget
- Identify procurement method

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Implementation *Program of Projects*





- Design-Bid-Build
- Construction Manager General Contractor (CMGC)
- Performance projects innovations led by contractor
 - Design-Build

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Strategy and Tools





- Typical detail development
- Policies, procedures and specifications
- Training and technical support

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Mainstream ABC Typical Detail Development



- Bridge Components
 - Precast deck and approach slab panels
 - Girders
 - Substructure
 - Abutments, culverts and walls
 - Bent cap, columns and footings



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Mainstream ABC

Policies, Procedures and Specifications



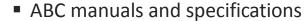
- ABC decision making process
 - Approach
 - Measures
 - Procedure
- ABC manuals and specifications

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Mainstream ABC







- Manuals written for precast elements
 - General information
 - Design and detailing guidance
 - Directions on use of typical details
 - Fabrication and handling guidance
 - Checklists
- Contract specifications for all elements
 - M & P requirements defined
 - A & D summaries provided
 - Special provisions developed

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Mainstream ABC

Training and Technical Support



- Project support
- Training
 - Designers
 - Contractors
 - Inspectors

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